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FROM: Susan K. Doughty

RE: **DRAFT AMENDED CLAIMS**
U.S. Patent Application No.: 09/712,612
Our Docket No. 90-99

If transmission is unclear, please telephone (303) 499-8080 immediately and ask for Cathy.

COMMENTS:

Attached are proposed amended claims 1 and 24 in preparation for our telephone interview scheduled for Wednesday, October 22, 2003. I will call you at 2PM Eastern time (12 noon Mountain time).

Thank you,
Susan Doughty

CONFIDENTIALITY NOTICE

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DRAFT

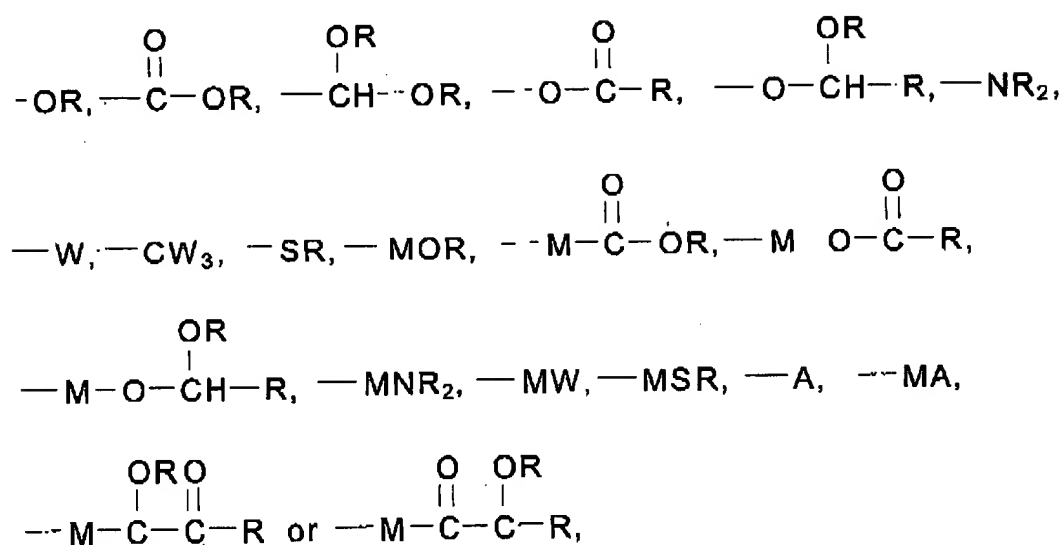
X is independently O, NR, N or S;

Y is independently O, NR, N or S;

Z is independently C, N, S or O;

a is 0 or 1;

R¹, R³, R⁴ and R⁵ are, independently, R,



wherein R is independently H, OH, alkyl, alkenyl or alkynyl, an aromatic ring system, amino, sulfhydryl, or sulfonyl, M is a divalent alkyl, alkenyl or alkynyl, aromatic ring system, or sulfonyl, W is Cl, F, Br or OCl, and A is an aromatic ring system;

R², R⁸ and R⁹ are independently R as defined above; and

R⁶ is independently R, NH₂, OH, or OCOR where R is as set forth above;

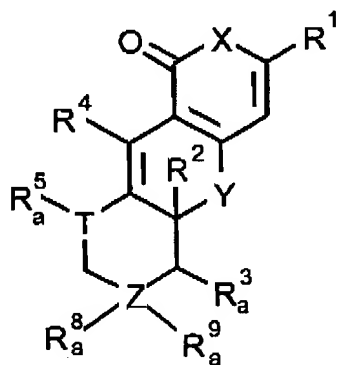
R⁷ is independently OH or H; or

R⁶ and R⁷ taken together are O;

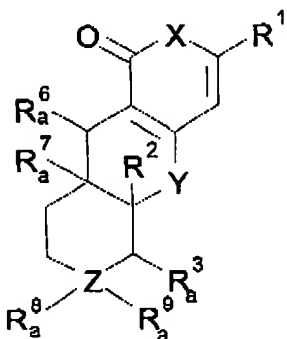
and pharmaceutically acceptable salts or esters of the foregoing, as well as optical isomers thereof.

DRAFT

Claim 24 (currently amended): A method of treating an ocular diabetic complication selected from the group consisting of: loss of PKC in eye lens cells, polyol accumulation in the eye, galactitol formation from galactose in lens cells, vascular leakage in the eye, and expression of aldose reductase in the retina comprising administering to a patient with diabetes an effective amount of one or more compounds of the formula:



or



wherein:

T is independently CR, NR, N, S or O;

DRAFT

T is independently CR, NR, N, S or O;

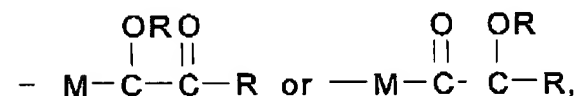
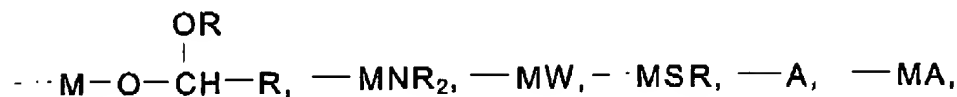
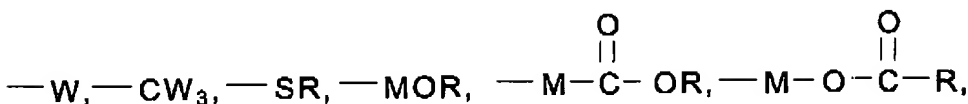
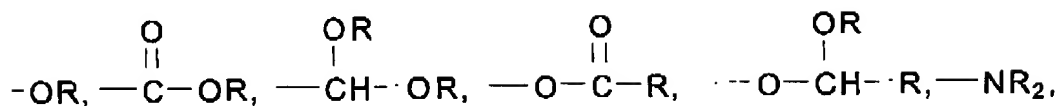
X is independently O, NR, N or S;

Y is independently O, NR, N or S;

Z is independently C, N, S or O;

a is 0 or 1;

R¹, R³, R⁴ and R⁵ are, independently, R,



wherein R is independently H, OH, alkyl, alkenyl or alkynyl, an aromatic ring system, amino, sulphydryl, or sulfonyl, M is a divalent alkyl, alkenyl or alkynyl, aromatic ring system, or sulfonyl, W is Cl, F, Br or OCl, and A is an aromatic ring system;

R², R⁸ and R⁹ are independently R as defined above; and

R⁶ is independently R, NH₂, OH, or OCOR where R is as set forth above;

R⁷ is independently OH or H; or

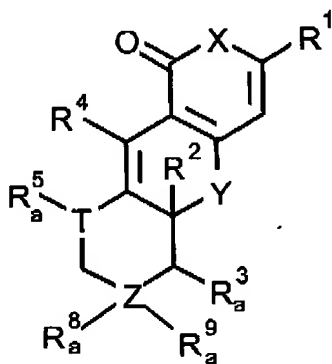
R⁶ and R⁷ taken together are O;

and pharmaceutically acceptable salts or esters of the foregoing, as well as optical isomers thereof.

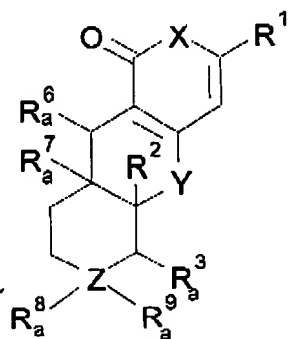
DRAFT

Serial number 09/712,612

Claim 1 (currently amended): A method of reducing aldose reductase activity preventing
~~cataracts, retinopathy, lens cell damage and retinal cell damage caused by diabetes~~ comprising
administering to a patient an effective amount of one or more compounds of the formula:



OI



wherein: